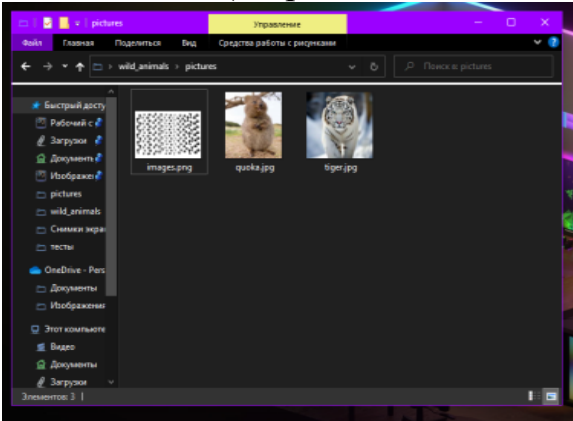
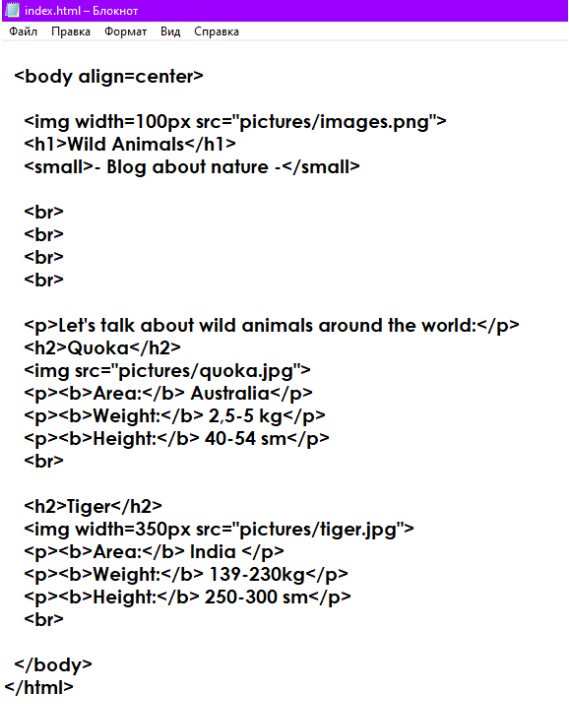
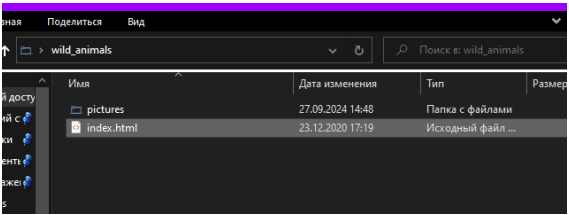
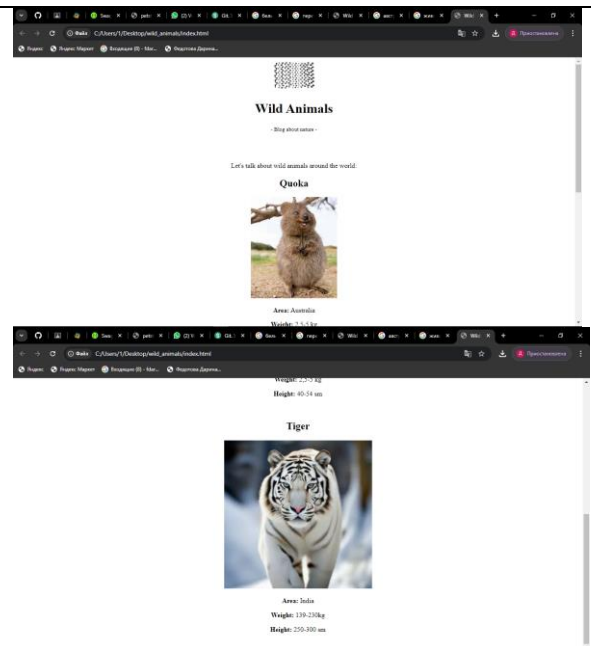


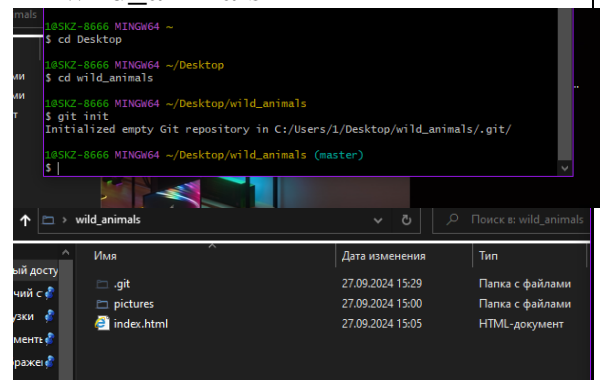
Тема лабораторной работы	lb_9
Выполняющий	Федотова Дарина
Помогающий	Духанина Яна
Ход работы	<p>Задание 1</p> <p>1. Создаём папку с картинками животных (тигр, квока и следы)</p>  <p>2. В текстовом документе ввели код со своими данными</p>  <pre><body align=center> <h1>Wild Animals</h1> <small>- Blog about nature -</small>

 <p>Let's talk about wild animals around the world:</p> <h2>Quoka</h2> <p>Area: Australia</p> <p>Weight: 2,5-5 kg</p> <p>Height: 40-54 sm</p>
 <h2>Tiger</h2> <p>Area: India </p> <p>Weight: 139-230kg</p> <p>Height: 250-300 sm</p>
 </body> </html></pre> <p>3. Переименовали файл на index.html</p>  <p>4. Открываем HTML файл</p>

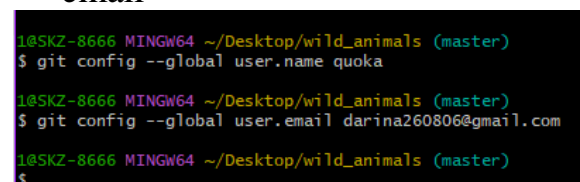


Задание 2

5. Через git bash создали репозиторий в папке wild_animals



6. Добавляем имя пользователя и email



7. Открываем файл Config и проверяем наличие имени и email



8. Изучаем содержимое папки

```
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git (GIT_DIR!)
$ cd objects
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git/objects (GIT_DIR!)
$ ls
info/ pack/
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git/objects (GIT_DIR!)
$ |
```

9. Проверяем указатель

```
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git/objects (GIT_DIR!)
$ cd ..
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git (GIT_DIR!)
$ cat HEAD
ref: refs/heads/master
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git (GIT_DIR!)
$ |
```

10. Делаем папку отслеживаемой и проверяем папку .git на наличие индекса

```
185KZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ cd .git
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git (GIT_DIR!)
$ ls
HEAD config description hooks/ index info/ objects/ refs/
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git (GIT_DIR!)
$ |
```

11. Создаём коммит

```
185KZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ git commit -a
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it
[master 1d592f] Commit
1 file changed, 1 insertion(+)
185KZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ |
```

12. Нашли хэш

```
$ cd 1d
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git/objects/1d (GIT_DIR!)
$ ls
0592fe816a6df04e8ee29ff9ae65f9fb40857
185KZ-8666 MINGW64 ~/Desktop/wild_animals/.git/objects/1d (GIT_DIR!)
$ |
```

13. Сделали опечатку в слове

>Quokka<
a src="pic

14. Создали новый коммит

```
185KZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ git commit -a
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it
[master b65a1a7] Commit 2
1 file changed, 1 insertion(+), 1 deletion(-)
185KZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ |
```

15. Добавили секцию для нового животного

Ferret



Area: Europe

Weight: 3 kg

Height: 38-52 sm

Ferret

<p>Area: Europe </p>

Weight: 3 kg

Height: 38-52 sm

16. Создали третий коммит

The image displays two screenshots of a Windows terminal window with a purple title bar, showing the execution of Git commands to commit changes.

Top Screenshot: The terminal shows the execution of the `commit` command. The output indicates that changes to `index.html` (modified) and `pictures/ferret.jpg` (untracked) are being committed. A progress bar at the bottom shows the commit is 1,811 bytes in size.

```
MINGW64/c/Users/I/Desktop/wild_animals
commit
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch master
#
# Changes to be committed:
#   modified:   index.html
#
# Untracked files:
#   pictures/ferret.jpg
#
- .git/COMMIT_EDITMSG+ [unix] (16:33 27/09/2024) 1,811
-- INSERT --
```

Bottom Screenshot: The terminal shows the execution of the `git commit` command. The output indicates that changes to `index.html` (modified) and `pictures/ferret.jpg` (untracked) are being committed. A warning message states: "warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it". The commit summary shows 1 file changed, 7 insertions(+).

```
MINGW64/c/Users/I/Desktop/wild_animals
18SKZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ git commit
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html
#
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        pictures/ferret.jpg
#
no changes added to commit (use "git add" and/or "git commit -a")

18SKZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ git commit -a
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it
[master b8e826c] commit
1 file changed, 7 insertions(+)

18SKZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$
```

Задание 4

17. Создаём репозиторий в папке mat_lib

```

MINGW64/c/Users/I/Desktop/mat_lib

1@SKZ-8666 MINGW64 ~/Desktop/wild_animals (master)
$ cd ~

1@SKZ-8666 MINGW64 ~
$ cd Desktop

1@SKZ-8666 MINGW64 ~/Desktop
$ cd mat_lib

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib
$ git init
Initialized empty Git repository in C:/Users/I/Desktop/mat_lib/.git/

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$

```

18. Задаём имя и email

```

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git config --global user.name quoka

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git config --global user.email darina260806@gmail.com

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$

```

19. Проверяем изменения

```

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git config user.name
quoka

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git config user.email
darina260806@gmail.com

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$

```

20. Просмотрели на что указывает HEAD

```

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ cd .git

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$ cat HEAD
ref: refs/heads/master

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$

```

21. Добавили все файлы в index

```

MINGW64/c/Users/I/Desktop/mat_lib/.git

$ cat .gitconfig
cat: .gitconfig: No such file or directory

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git config user
error: key does not contain a section: user

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git config user.name
quoka

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git config user.email
darina260806@gmail.com

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ cd .git

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$ cat HEAD
ref: refs/heads/master

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$

```

22. Добавили отслеживание

```

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git add -A
warning: in the working copy of 'pyfiles/factorial.py', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'pyfiles/test.py', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'pyfiles/trigonometry.py', LF will be replaced by CRLF the next time Git touches it

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$

```

23. Создали коммит

```

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git commit -a
[master (root-commit) ebbb9bd] First commemglaernhiGP
4 files changed, 23 insertions(+)
create mode 100644 docs/math_lib_docs.txt
create mode 100644 pyfiles/factorial.py
create mode 100644 pyfiles/test.py
create mode 100644 pyfiles/trigonometry.py

1@SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$

```

24. Нашли и посмотрели хэш

```
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git/objects/2d (GIT_DIR!)
$ ls
4687e9d3b5149040dd9517c43357ed7496e18c
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git/objects/2d (GIT_DIR!)
$
```

25. Посмотрели объект дерева корня репозитория

```
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$ git log
commit ebbb9bde7909d744cd2b1eb08c03bcf45910f8b (HEAD -> master)
Author: quoka <darina260806@gmail.com>
Date: Fri Sep 27 17:09:25 2024 +0900

    First commengliarnhiGP
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$
```

26. Просмотрели HEAD

```
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$ cat HEAD
ref: refs/heads/master
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$
```

27. Ветка указывает на файл master с кодом текущего коммита

28. Выполнили test.py

```
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/pyfiles (master)
$ python test.py
pi: 3.141592653589793
For angle: 0, Sine is ~ 1.0
For angle: pi/1, Sine is ~ -1.00183
For angle: pi/2, Sine is ~ -0.0
For angle: pi/3, Sine is ~ 0.5
For angle: pi/4, Sine is ~ 0.70711
For angle: pi/6, Sine is ~ 0.86603
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/pyfiles (master)
$
```

29. Посмотрели файлы кэша

```
For angle: pi/6, Sine is ~ 0.86603
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/pyfiles (master)
$ git log
commit ebbb9bde7909d744cd2b1eb08c03bcf45910f8b (HEAD -> master)
Author: quoka <darina260806@gmail.com>
Date: Fri Sep 27 17:09:25 2024 +0900

    First commengliarnhiGP
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/pyfiles (master)
$
```

30. Создали второй коммит

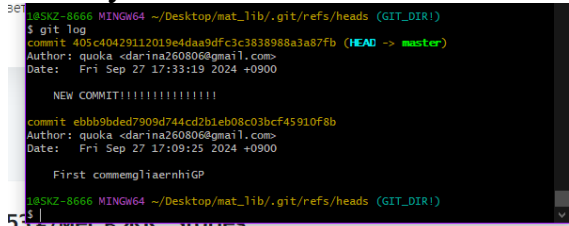
```
10SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git add -A
10SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$ git commit
[master 405c404] NEW COMMIT!!!!!!!!!!!!!!
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 pyfiles/_pycache_/factorial.cpython-310.pyc
create mode 100644 pyfiles/_pycache_/trigonometry.cpython-310.pyc
10SKZ-8666 MINGW64 ~/Desktop/mat_lib (master)
$
```

31. Посмотрели ХЭШ

```
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$ cat HEAD
ref: refs/heads/master
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git (GIT_DIR!)
$
```

32. Посмотрели на что указывает HEAD

```
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git/refs/heads (GIT_DIR!)
$ cat master
405c40429112019e4daa9dfc3c3838988a3a87fb
10SKZ-8666 MINGW64 ~/Desktop/mat_lib/.git/refs/heads (GIT_DIR!)
$
```

	<p>33. Посмотрели на что указывает текущая ветка</p> 
Результат	<p>После проделанной лабораторной работы мы:</p> <ol style="list-style-type: none"> 1. Познакомились с git.bash, его командами и функционалом 2. Написали простой сайт на HTML
Оценка	<p>При сдаче не забываем ставить пометку отправить в google</p>

Githab-файлы pdf
Программный код-Readme

Критерий оценивания

Отлично	Четко, лаконично, по факту, гитхаб на ура
Хорошо	Небольшие корректировки
Удовлетворительно	С вопросами, и комментариями
Неудовлетворительно	Ничего непонятно

Листинг №1

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Wild Animals Blog</title>
```

```
<meta charset="utf-8">
```

```
</head>
```

```
<body align=center>
```

```

```

<h1>Wild Animals</h1>

<small>- Blog about nature -</small>

<p>Let's talk about wild animals around the world:</p>

<h2>Quoka</h2>

<p>Area: Australia</p>

<p>Weight: 2,5-5 kg</p>

<p>Height: 40-54 sm</p>

<h2>Tiger</h2>

<p>Area: India </p>

<p>Weight: 139-230kg</p>

<p>Height: 250-300 sm</p>

</body>

</html>